

**NEW JERSEY
FOREST LAND ENHANCEMENT
PROGRAM**

MANUAL



**Short Reference
1-FLEP (NJ)**

Prepared by:
New Jersey Forest Stewardship
Committee
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PURPOSE

To encourage multiple resource management of non-industrial private forest land, through educational, financial and technical assistance, for economic environmental and social benefits. By increasing activity and awareness of New Jersey woodland owners, the Forest Land Enhancement Program will help improve the quality of New Jersey forests, while allowing landowners to realize the many benefits of acting as stewards of their land. Providing financial incentives to landowners through FLEP will also help landowners learn the potential of their woodland, while enhancing its value for future generations.

GOALS

1. Establish, manage, maintain, protect, enhance and restore NIPF lands.
2. Enhance the productivity of timber, habitat for flora and fauna, soil, water, air quality, wetlands and riparian buffers on NIPF lands.
3. Assist owners and managers to more actively manage NIPF lands to enhance and sustain the long-term productivity of timber and non-timber forest resources.
4. Reduce the risk and help restore, recover and mitigate the damage to forests caused by fire, insects, invasive species, disease and damaging weather.
5. Increase and enhance carbon sequestration opportunities.
6. Enhance implementation of agroforestry practices.
7. Encourage and leverage state, federal and local resource management expertise, financial assistance and educational programs that support FLEP.

LANDOWNER REQUIREMENTS

1. Owners of non-industrial private forest land or a leaseholder who controls the land for the minimum length of time for any practice to be established; excluding corporations whose stocks are publicly traded or owners principally engaged in the processing of wood products may participate in FLEP. (Public land ownership will NOT qualify.)
2. Qualifying non-industrial private forest land includes rural lands with existing tree cover or which are suitable for growing trees and are owned by any non-industrial private individual, group, association, corporation, Indian tribe, or other private legal entity with definitive decision-making authority over the land.
3. Eligible landowners must have a minimum ownership of 5 contiguous acres. There is no ownership size limit for FLEP.
4. Landowners must have a Forest Management plan to qualify for FLEP. Each landowner must agree to carry out their projects and activities described in their plans.
5. Landowners must agree to a minimum project size of one acre or as defined in the cost-share policy of the selected practice to qualify for FLEP. Minimum acreage exemptions will be granted for riparian practices. Maximum treated areas are limited to 1,000 acres annually, or up to 5,000 acres with an approved waiver exemption.
6. All FLEP practices must be maintained for at least 10 years after completion, unless otherwise specified by the State Forester. Landowners who fail to maintain the practice for 10 years will be required to repay the New Jersey Forest Service the cost-share (plus 10%). If the property is sold and the practice is not maintained, the original landowner is liable for the repayment.

FLEP PROGRAM FUNDING

1. FLEP applications will be approved for funding on a first come, first serve basis continually, until all current funds are obligated.

2. FLEP practices 1 through 11, and their respective components, are eligible for cost-share funding.
3. If state funds become limited, it may be necessary to prioritize applications following an advertised signup period. Practice priority will be determined by the State Forester and a designated subcommittee using the following guidelines: FLEP1 (new plans), FLEP2, FLEP3 and FLEP7 HIGH PRIORITY; FLEP1 (revised plans), FLEP5, FLEP6, FLEP9 and FLEP10 MEDIUM PRIORITY; FLEP4, FLEP8 and FLEP11 LOW PRIORITY.
4. Partial cost-share payments for FLEP practices will not be authorized in New Jersey.

GENERAL COST-SHARING GUIDELINES

1. Applications for FLEP cost-share funding can be requested at any NJFS Regional Office. The Regional Forester or his staff will assist landowners through this process.
2. Cost-share payments will not exceed 75% of the actual cost, nor exceed the maximum payment rate specified for program practices and components, located in the Cost-share Rates and Specifications section of this manual.
3. Average Labor and Equipment Costs

Description	Unit	Average Cost
Landowner Labor	hr	\$20.00
Hired Labor	hr	\$8.00
Bull Dozer, Small D-4 (includes operator)	hr	\$75.00
Bull Dozer, Medium D-6 (includes operator)	hr	\$100.00
Bull Dozer, Large D-8 (includes operator)	hr	\$150.00
Tractor, <75 HP (includes operator)	hr	\$50.00
Tractor, 75-100 HP (includes operator)	hr	\$75.00
Tractor, >100 HP (includes operator)	hr	\$100.00

4. The maximum payment limitation that can be received is \$10,000 per landowner per fiscal year.
5. The landowner will have 12 months to complete a practice. If factors beyond the control of the landowner delay the practice completion, a 6-month extension can be granted. Practices not completed by the completion date will be cancelled and the funds made available to landowners on a waiting list.
6. Practice costs that were incurred before the application was approved are ineligible for cost-share assistance.
7. Landowners will be required to submit bills and receipts to the Regional Forester, before cost-share payments can be calculated and then subsequently paid.
8. Periodic inspections will be conducted under the direction of the State Forester to ensure that practices are being maintained according to required specifications.
9. Failure to comply with the Forest Management Plan or to follow FLEP specifications may require a landowner to repay cost-share benefits. Regional Foresters will conduct compliance inspections within 30 days of notification of practice completion.
10. Where practice failure occurs or performance does not meet specified criteria, for reasons beyond the control of the landowner, the Regional Forester may authorize cost-share payments if:
 - a) The landowner demonstrates to the Regional Forester that a legitimate effort was executed when implementing the practice and as it stands, the practice meets a written landowner objective; or
 - b) The landowner agrees to repeat the practice and additional components that may be determined beneficial by the Regional Forester.
11. If land ownership or land use changes within 10 years of practice completion, the landowner will be obligated to remit all cost-share

payments (plus 10%) to the New Jersey Forestry Services, unless a new landowner agrees to maintain practice compliance.

12. If there is an existing Forest Stewardship Plan on the property, the cost-share for FLEP1 will be a revision.
13. If there is an existing FLA Plan on the property and you are upgrading to a Forest Stewardship Plan, the cost-share for FLEP1 will be a new plan.

IMPLEMENTATION PROCESS AND PROCEDURES

1. An application for cost-share assistance will be made at the local NJFS Regional Office. The Regional Forester will review the application for feasibility.
2. Applicants shall not start implementing any practices, until they have received an approval letter from the Regional Forester. If they fail to wait, they will not be eligible for cost-share assistance.
3. The State Forester will accept appeals of disapproved applications in writing within 30 days of the applicant's disapproval letter. All requests for reconsideration shall contain factual information explaining the basis for requesting the appeal. The State Forester will review the information submitted and render a decision regarding the applicant's request. The State Forester will contact the landowner in writing within 30 days with his decision.

FLEP1 FOREST STEWARDSHIP PLAN DEVELOPMENT

- A. The purpose of the Forest Stewardship Plan Development Practice is to develop or revise a forest stewardship plan, or upgrade an existing management plan to meet or exceed Forest Stewardship plan standards.
- B. This practice shall be applied to lands with existing tree cover or suitable for growing trees that are owned by any private individual, group, association, Indian tribe, or other private legal entity.
- C. The objective of this practice is to create forest stewardship plans that will be implemented by informed and committed landowners.
- D. Policies for this practice are as follows:
 - 1. FLEP cost-share funds will only be authorized after the entire NJ Forest Stewardship Program annual funding allocation for plan development has been obligated.
 - 2. Cost-share is authorized for a new forest stewardship plan or revision of an existing land management plan which meet the following criteria:
 - a) The plan must be responsive to the landowner's objectives.
 - b) The plan must be action oriented, multi-disciplinary in scope, and developed by a NJFS approved professional resource manager.
 - c) The plan as a minimum shall consider the multi-resource aspects of forest health, fire hazard, timber management and wood products, soil and water quality, stream-side and wetlands management, wildlife and fish habitat management, threatened or endangered species, cultural resources, and aesthetics values.
 - d) The plan should place an equal emphasis on environmental and economic management principles.

- e) The plan must contain recommendations for cost-share practices under any Federal, State or other conservation programs.
- E. Technical Responsibility – Assigned to the Regional Forester.
- F. Maximum Cost-Share – Seventy-five percent of the actual cost, not to exceed \$1,850 for new plans and \$1,000 for revised plans.
- G. Maintenance – Practice must cover a 10 year period.
- H. Technical Standards/Specifications – Minimum guidelines for NJ Forest Stewardship Plans.
- I. Priority Level – High: New Plans; Medium: Revised Plans.

Technical Practices				
FLEP1 – Forest Stewardship Plan Development				
Forest Stewardship Plan Development				
Comp. Code	Component Description	Unit	Cost Basis	Max Pay Rate
F1A	New Plan (5 to 20)	acre	\$24.00	\$18.00
F1B	New Plan (21 to 50)	acre	\$10.00	\$8.00
F1C	New Plan (51 to 150)	acre	\$5.00	\$4.00
F1D	New Plan (151 to 1,000)	acre	\$1.00	\$1.00
F2A	Revised Plan (5 to 20)	acre	\$14.00	\$11.00
F2B	Revised Plan (21 to 50)	acre	\$6.00	\$5.00
F2C	Revised Plan (51 to 260)	acre	\$4.00	\$3.00

FLEP2 AFFORESTATION AND REFORESTATION

- A. The purpose of this practice is for site preparation, planting, seeding or other practices to encourage natural regeneration or ensure forest establishment.
- B. This practice shall be applied to forestland which supports or previously supported trees or other woody vegetation or to non-forested lands suitable for growing trees, except where detrimental to the maintenance of significant non-forested habitats, such as prairies and marshes.
- C. The objective of this practice is to establish or re-establish diverse forest communities, to provide wood products and special forest products, and to conserve energy.
- D. Policies for this practice are as follows:
 - 1. Cost-share is authorized for:
 - a) Planting of seedlings and the enhancement of seedlings established through natural regeneration.
 - b) Site preparation.
 - c) Practices to enhance survival of seedlings including control of competing vegetation through the use of chemical and mechanical methods for up to four growing seasons to ensure establishment. Multiple practice applications are permitted during each of the first 4 years with the recommendations of the forester.
 - d) Seedling protection from wind, excessive wildlife and other pest damage (includes tree shelters).
 - 2. Cost-share is not authorized for:
 - a) Planting orchards or horticultural crops.
 - b) Planting trees for ornamental and nursery purposes.

- c) Planting for Christmas tree production.
 - d) Firebreaks.
 - e) Gates.
- E. Technical Responsibility – Assigned to the Regional Forester.
- F. Maximum Cost-Share – Seventy-five percent of actual cost, not to exceed the established rate, and the maximum payment of \$10,000 per landowner each year.
- G. Maintenance – Practice must be maintained for 10 years.
- H. Technical Standards/Specifications – In accordance with NJFS Specifications and Standards.
- I. Priority Level – High.

Technical Practices				
FLEP2 – Afforestation and Reforestation				
Afforestation and Reforestation				
Comp. Code	Component Description	Unit	Cost Basis	Max Pay Rate
F92	Brush Blanket (installed)	each	\$4.00	\$3.00
F7	Category I Seedlings (Pines)	1,000	\$170.00	\$128.00
F8	Category II Seedlings (Hardwoods)	1,000	\$250.00	\$188.00
F9	Category III Seedlings (Atlantic white-cedar)	1,000	\$400.00	\$300.00
F6	Chemicals	acre	\$100.00	\$75.00
F24	Direct Seeding – Trees	acre	\$100.00	\$75.00
F17	Disking (Light)	acre	\$25.00	\$19.00
F22	Drum Chopping	acre	\$175.00	\$131.00
F27	Fence Line (electric or box wire)	ft	\$4.00	\$3.00
F20	Forestry Mower	acre	\$1,700.00	\$1,275.00
F4	Hand Planting	acre	\$90.00	\$68.00
F5	Machine Planting	acre	\$40.00	\$30.00
F12	Mechanical Control (Hand Tools)	acre	\$100.00	\$75.00
F14	Mowing (Light)	acre	\$20.00	\$15.00
F16	Prescribed Burning	acre	\$12.00	\$9.00
F19	Root-raking	acre	\$200.00	\$150.00
F21	Shear blade or Root-raking & Pile	acre	\$800.00	\$600.00
F90	Tree Shelter (installed)	each	\$4.00	\$3.00
F23	Woodland Disking	acre	\$200.00	\$150.00

FLEP3 Forest Stand Improvement

- A. The purpose of this practice is to enhance growth and quality of wood fiber, special forest products and carbon sequestration.
- B. This practice shall be applied to existing forests.
- C. The objective of this practice is to enhance the value and quantity of wood products, special forest products, wildlife habitat, riparian resources, wetlands, aesthetic quality, and to prevent insect and disease outbreaks.
- D. Policies for this practice are as follows:
 - 1. Cost-share is authorized for:
 - a) Fencing (excluding boundary and road fences).
 - b) Woodland Improvement activities.
 - 1) TSI requires a minimum commitment of 5 acres or 10% of the stand requiring treatment.
 - 2. Cost-sharing is not authorized for:
 - a) Orchard, ornamental, horticultural, or nursery purposes.
 - b) Christmas tree production.
 - c) Gates.
- E. Technical Responsibility – Assigned to the Regional Forester.
- F. Maximum Cost-Share – Seventy-five percent of actual cost, not to exceed the established rate, and the maximum payment of \$10,000 per landowner each year.

- G. Maintenance – Practice must be maintained for 10 years.
- H. Technical Standards/Specifications – In accordance with NJFS Specifications and Standards.
- I. Priority Level – High.

Technical Practices				
FLEP3 – Forest Stand Improvement				
Forest Stand Improvement				
Comp. Code	Component Description	Unit	Cost Basis	Max Pay Rate
F43	Brush and Vine Control	acre	\$60.00	\$45.00
F6	Chemicals	acre	\$100.00	\$75.00
F27	Fence Line (electric or box wire)	ft	\$4.00	\$3.00
F34	Marking (by NJFS Approved Forester)	acre	\$53.00	\$40.00
F14	Mowing (Light)	acre	\$20.00	\$15.00
F16	Prescribed Burning	acre	\$12.00	\$9.00
F32	Pruning	acre	\$200.00	\$150.00
F35	Stand Improvement (Stems 76+)	acre	\$240.00	\$180.00
F36	Stand Improvement (Stems 25-75)	acre	\$180.00	\$135.00
F90	Tree Shelter (installed)	each	\$4.00	\$3.00

FLEP4 Agroforestry Implementation

- A. The purpose of this practice is to establish, maintain and renovate windbreaks or other practices using trees and shrubs in conjunction with agricultural land use, including practices for energy conservation and carbon sequestration.
- B. This practice shall be applied to open land and existing hedgerows.
- C. The objective of this practice is to help protect agricultural lands and natural resources from environmental risks, such as damaging weather, disease, invasive species, and insects.
- D. Policies for this practice are as follows:
 - 1. Cost-share is authorized for:
 - a) Purchase and installation of plant materials.
 - b) Control of competition or undesirable species.
 - c) Noncommercial thinning of existing hedgerows.
 - d) Fencing (excluding boundary and road fences).
 - 2. Cost-sharing is not authorized for:
 - a) Orchard, ornamental, horticultural, or nursery purposes.
 - b) Christmas tree production.
 - c) Gates.
- E. Technical Responsibility – Assigned to the Regional Forester.

- F. Maximum Cost-Share – Seventy-five percent of actual cost, not to exceed the established rate, and the maximum payment of \$10,000 per landowner each year.
- G. Maintenance – Practice must be maintained for 10 years.
- H. Technical Standards/Specifications – In accordance with NJFS Specifications and Standards.
- I. Priority Level – Low

Technical Practices				
FLEP4 – Agroforestry Implementation				
Agroforestry Implementation				
Comp. Code	Component Description	Unit	Cost Basis	Max Pay Rate

(Under construction)

FLEP5 Water Quality Improvement and Watershed Protection

- A. The purpose of this practice is to establish, maintain renovate and/or restore practices to improve and protect water quality, riparian areas and/or forest wetlands and watersheds.
- B. Apply this practice to land covered by woody vegetation, land to be converted to woody vegetation, or closely associated lands that will provide multi-resource benefits.
- C. The objective of this practice is to maintain or improve water quality, maintain or improve soil productivity, prevent excessive erosion, and enhance watershed conditions.
- D. Policies for this practice are as follows:
 - 1. To maintain soil productivity, low intensity site preparation practices should be employed to achieve natural and artificial regeneration. Soil exposure and removal of litter and nutrients should be kept to a minimum.
 - 2. To protect ground water, no practices should be employed which would result in contamination by chemicals.
 - 3. All practices should comply with National Association of State Foresters Stream-side Management Area Guides.
 - 4. All practices must comply with State BMP's for non-point source pollution control.
 - 5. Cost-share is authorized for:
 - a) Reducing erosion, stabilizing stream banks, and rehabilitate gullies.
 - b) Closure and rehabilitation of forest roads, including water barring, mulching, and seeding.

6. Cost-share is not authorized for:

- a) Water level manipulation that would lead to the loss of wetlands.
- b) Construction of forest roads and trails.
- c) Construction of bridges, drainage systems, stream crossings and traffic control.
- d) Gates.
- e) Riprap and gabions.

- E. Technical Responsibility – Assigned to the Regional Forester. The USDA Natural Resources Conservation Service can provide technical assistance on stream bank stabilization and gully rehabilitation.
- F. Maximum Cost-Share – Seventy-five percent of actual cost, not to exceed the established rate, and the maximum payment of \$10,000 per landowner each year.
- G. Maintenance – Practice must be maintained for 10 years.
- H. Technical Standards/Specifications – In accordance with NJFS Specifications and Standards.
- I. Priority Level – Medium.

Technical Practices				
FLEP5 – Water Quality Improvement and Watershed Protection				
Water Quality Improvement and Watershed Protection				
Comp. Code	Component Description	Unit	Cost Basis	Max Pay Rate
F91	Brush Mattressing	lf	\$6.00	\$4.50
F7	Category I Seedlings (Pines)	1,000	\$170.00	\$128.00
F8	Category II Seedlings (Hardwoods)	1,000	\$250.00	\$188.00
F6	Chemicals	acre	\$100.00	\$75.00
F76	Fascine or Wattle	lf	\$6.00	\$4.50
F27	Fence Line (electric or box wire)	ft	\$4.00	\$3.00
F77	Fiber Roll	lf	\$12.00	\$9.00
F53	Ground Prep. & Seeding (Non-Woody)	acre	\$375.00	\$281.00
F4	Hand Planting	acre	\$90.00	\$68.00
F10	Herbaceous Plant	each	\$2.00	\$1.50
F89	Livestakes	each	\$2.00	\$1.50
F80	Mulching Materials (Other than straw)	cu yd	\$1.50	\$1.00
F56	Seeding (Non-Woody)	acre	\$50.00	\$38.00
F75	Straw	ton	\$150.00	\$113.00
F55	Streambank Reshaping (Replace vertical streambank with stable slope, usually 3:1 slope)	cu yd	\$3.00	\$2.25
F90	Tree Shelter (installed)	each	\$4.00	\$3.00
F57	Water Diversion	each	\$133.00	\$100.00
F11	Woody Wildlife Plant (1 gal) (3 foot minimum height)	each	\$8.00	\$6.00

FLEP6 Wildlife Habitat Improvement

- A. The purpose of this practice is to establish, maintain and restore practices to create, protect or improve wildlife habitat, including any necessary design and engineering.
- B. Apply this practice to water bodies associated with forestland, including lakes, ponds, wetlands, rivers, and streams that are capable of supporting or can be enhanced to support a continuous, thriving population of aquatic species, including resident. This practice can also be applied to land capable of growing trees and other woody vegetation to provide multiple resource benefits.
- C. The objective of this practice is to protect, restore, enhance, or maintain habitat for all species, improve water quality, enhance forest communities and other natural features for the benefit of wildlife, or to establish artificial structures to provide permanent habitat for wildlife.
- D. Policies for this practice are as follows:
 - 1. Cost-share is authorized for:
 - a) Existing food supply enhancement.
 - b) Fencing.
 - c) Establishing locally native trees or other woody and non-woody vegetation.
 - d) Control of undesirable, detrimental species.
 - e) Snag creation.
 - f) Seedling protection from wind, excessive wildlife and other pest damage (includes tree shelters).
 - g) Nest boxes.

2. Cost-share is not authorized for:

- a) Anything that would have an adverse effect on any threatened or endangered species.
- b) Enhancement of a commercial aquaculture operation.
- c) Installation of a pond.
- d) Purchase of fish.
- e) Purchase of fish food.
- f) Gates.
- g) Structures for human benefits.
- h) Fish habitat.

E. Technical Responsibility – Assigned to the Regional Forester.

F. Maximum Cost-Share – Seventy-five percent of actual cost, not to exceed the established rate, and the maximum payment of \$10,000 per landowner each year.

G. Maintenance – Practice must be maintained for 10 years.

H. Technical Standards/Specifications – In accordance with NJFS Specifications and Standards.

I. Priority Level – Medium

Technical Practices				
FLEP6 – Fish and Wildlife Habitat Improvement				
Fish and Wildlife Habitat Improvement				
Comp. Code	Component Description	Unit	Cost Basis	Max Pay Rate
F92	Brush Blanket (installed)	each	\$4.00	\$3.00
F7	Category I Seedlings (Pines)	1,000	\$170.00	\$128.00
F8	Category II Seedlings (Hardwoods)	1,000	\$250.00	\$188.00
F6	Chemicals	acre	\$100.00	\$75.00
F84	Create Brush Pile	acre	\$35.00	\$26.00
F17	Disking (Light)	acre	\$25.00	\$19.00
F27	Fence Line (electric or box wire)	ft	\$4.00	\$3.00
F4	Hand Planting	acre	\$90.00	\$68.00
F14	Mowing (Light)	acre	\$20.00	\$15.00
F45	Nest Box	each	\$20.00	\$15.00
F16	Prescribed Burning	acre	\$12.00	\$9.00
F72	Snag Creation	acre	\$35.00	\$26.00
F90	Tree Shelter (installed)	each	\$4.00	\$3.00
F68	Wildlife Habitat Modification	acre	\$800.00	\$600.00
F11	Woody Wildlife Plant (1 gal) (3 foot minimum height)	each	\$8.00	\$6.00

FLEP7 Forest Health and Protection

- A. The purpose of this practice is to establish practices primarily to protect, improve or restore forest health; including control of insects, diseases and animal damage to established stands.
- B. This practice shall be applied to existing forests.
- C. The objective of this practice is to provide security for forest health and protection.
- D. Policies for this practice are as follows:
 - 1. Cost-share is authorized for:
 - a) Forest restoration, other than catastrophic fire and storm events.
 - b) Protection of existing forest stands, using the following methods:
 - 1) Spraying (minimum 5 acres) that meets all label requirements, State, Federal and local ordinances.
 - 2) Fencing (excluding boundary and road fences).
 - a. Deer exclusion.
 - c) Tree planting.
 - 2. Cost-share is not authorized for:
 - a) Anything that would have an adverse effect on any threatened or endangered species.
 - b) Spraying insects in residential areas.
- E. Technical Responsibility – Assigned to the Regional Forester.

- F. Maximum Cost-Share – Seventy-five percent of actual cost, not to exceed the established rate, and the maximum payment of \$10,000 per landowner each year.
- G. Maintenance – Practice must be maintained for 10 years.
- H. Technical Standards/Specifications – In accordance with NJFS Specifications and Standards.
- I. Priority Level – High

Technical Practices				
FLEP7 – Forest Health and Protection				
Forest Health and Protection				
Comp. Code	Component Description	Unit	Cost Basis	Max Pay Rate
F7	Category I Seedlings (Pines)	1,000	\$170.00	\$128.00
F8	Category II Seedlings (Hardwood)	1,000	\$250.00	\$188.00
F27	Fence Line (electric or box wire)	ft	\$4.00	\$3.00
F20	Forestry Mower	acre	\$1,700.00	\$1,275.00
F4	Hand Planting	acre	\$90.00	\$68.00
F5	Machine Planting	acre	\$40.00	\$30.00
F12	Mechanical Control (Hand Tools)	acre	\$100.00	\$75.00
F3	Spraying Insects	acre	\$25.00	\$19.00
F90	Tree Shelter (installed)	each	\$4.00	\$3.00

FLEP8 Invasive Species Control

- A. The purpose of this practice is to establish, maintain and restore practices primarily to eradicate or control the spread of invasive species.
- B. This practice shall be applied to existing forests or non-forested lands.
- C. The objective of this practice is to provide techniques to suppress invasive species.
- D. Policies for this practice are as follows:
 - 1. Cost-share is authorized for:
 - a) Control of competition of invasive species, using the following methods:
 - 1) Burning.
 - 2) Chemical.
 - 3) Mechanical.
 - 2. Cost-share is not authorized for:
 - a) Anything that would have an adverse effect on any threatened or endangered species.
- E. Technical Responsibility – Assigned to the Regional Forester.
- F. Maximum Cost-Share – Seventy-five percent of actual cost, not to exceed the established rate, and the maximum payment of \$10,000 per landowner each year.
- G. Maintenance – Practice must be maintained for 10 years.

H. Technical Standards/Specifications – In accordance with NJFS Specifications and Standards.

I. Priority Level – Low

Technical Practices				
FLEP8 – Invasive Species Control				
Invasive Species Control				
Comp. Code	Component Description	Unit	Cost Basis	Max Pay Rate
F6	Chemicals	acre	\$100.00	\$75.00
F12	Mechanical Control (Hand Tools)	acre	\$100.00	\$75.00
F16	Prescribed Burning	acre	\$12.00	\$9.00

FLEP9 Fire and Catastrophic Risk Reduction

- A. The purpose of this practice is to establish practices primarily to reduce the risk from wildfire and other catastrophic natural event.
- B. This practice shall be applied to existing forests.
- C. The objective of this practice is to provide strategies to protect forests from total destruction.
- D. Policies for this practice are as follows:
 - 1. Cost-share is authorized for:
 - a) Establishing fire breaks.
 - b) Prescribed burning (repeated burning on the same acreage, not to exceed three times in 10 years).
 - c) Insect and disease control.
 - d) Thinning.
 - 2. Cost-share is not authorized for:
 - a) Anything that would have an adverse effect on any threatened or endangered species.
- E. Technical Responsibility – Assigned to the Regional Forester.
- F. Maximum Cost-Share – Seventy-five percent of actual cost, not to exceed the established rate, and the maximum payment of \$10,000 per landowner each year.
- G. Maintenance – Practice must be maintained for 10 years.

H. Technical Standards/Specifications – In accordance with NJFS Specifications and Standards.

I. Priority Level – Medium

Technical Practices				
FLEP9 – Fire and Catastrophic Risk Reduction				
Fire and Catastrophic Risk Reduction				
Comp. Code	Component Description	Unit	Cost Basis	Max Pay Rate
F6	Chemicals	acre	\$100.00	\$75.00
F15	Fire Breaks (15 foot minimum width)	ft	\$4.00	\$3.00
F20	Forestry Mower	acre	\$1,700.00	\$1,275.00
F34	Marking (by NJFS Approved Forester)	acre	\$53.00	\$40.00
F12	Mechanical Control (Hand Tools)	acre	\$100.00	\$75.00
F16	Prescribed Burning	acre	\$12.00	\$9.00
F35	Stand Improvement (Stems 76+)	acre	\$240.00	\$180.00
F36	Stand Improvement (Stems 25-75)	acre	\$180.00	\$135.00

FLEP10 Fire and Catastrophic Event Rehabilitation

- A. The purpose of this practice is to establish practices primarily to restore and rehabilitate forests following wildfire and other catastrophic natural events.
- B. This practice shall be applied to existing forests.
- C. The objective of this practice is to help restore and stabilize the affected area.
- D. Policies for this practice are as follows:
 - 1. Cost-share is authorized for:
 - a) Woodland improvement activities.
 - b) Fencing (excluding boundary and road fences).
 - c) Forest restoration.
 - 2. Cost-share is not authorized for:
 - a) Anything that would have an adverse effect on any threatened or endangered species.
- E. Technical Responsibility – Assigned to the Regional Forester.
- F. Maximum Cost-Share – Seventy-five percent of actual cost, not to exceed the established rate, and the maximum payment of \$10,000 per landowner each year.
- G. Maintenance – Practice must be maintained for 10 years.
- H. Technical Standards/Specifications – In accordance with NJFS Specifications and Standards.
- I. Priority Level – Medium

Technical Practices				
FLEP10 – Fire and Catastrophic Event Rehabilitation				
Fire and Catastrophic Event Rehabilitation				
Comp. Code	Component Description	Unit	Cost Basis	Max Pay Rate
F7	Category I Seedlings (Pines)	1,000	\$170.00	\$128.00
F8	Category II Seedlings (Hardwoods)	1,000	\$250.00	\$188.00
F9	Category III Seedlings (Atlantic white-cedar)	1,000	\$400.00	\$300.00
F27	Fence Line (electric or box wire)	ft	\$4.00	\$3.00
F20	Forestry Mower	acre	\$1,700.00	\$1,275.00
F4	Hand Planting	acre	\$90.00	\$68.00
F5	Machine Planting	acre	\$40.00	\$30.00
F34	Marking (by NJFS Approved Forester)	acre	\$53.00	\$40.00
F32	Pruning	acre	\$200.00	\$150.00
F19	Root-raking	acre	\$200.00	\$150.00
F35	Stand Improvement (Stems 76+)	acre	\$240.00	\$180.00
F36	Stand Improvement (Stems 25-75)	acre	\$180.00	\$135.00
F90	Tree Shelter (installed)	each	\$4.00	\$3.00

FLEP11 Special Practices**I. Forestland Access**

- A. The purpose of this practice is to create forestland access roads and trails.
- B. This practice shall be applied to existing forests.
- C. The objective of this practice is to improve or create access into forestland areas.
- D. Policies for this practice are as follows:
 - 1. Cost-share is authorized for:
 - a) Forestland access road layouts for vehicle use.
 - b) Forestland trails for foot and small machinery use.
 - 2. Cost-share is not authorized for:
 - a) Anything that would have an adverse effect on any threatened or endangered species.
 - b) Layout of roads:
 - 1) To a dwelling.
 - 2) Associated with access to a dwelling.
- E. Technical Responsibility – Assigned to the Regional Forester.
- F. Maximum Cost-Share – Seventy-five percent of actual cost, not to exceed the established rate, and the maximum payment of \$10,000 per landowner each year.
- G. Maintenance – Practice must be maintained for 10 years.

H. Technical Standards/Specifications – In accordance with NJFS Specifications and Standards.

I. Priority Level – Low

Technical Practices				
FLEP11 – Special Practices				
Forestland Access				
Comp. Code	Component Description	Unit	Cost Basis	Max Pay Rate
F87	Forest Road Design and Layout (8 foot maximum width and \$500 maximum)	ft	\$0.26	\$0.20
F88	Trail Layout and design (5 foot maximum width, 1 mile maximum length and \$500 maximum)	ft	\$0.13	\$0.10

FLEP11 – Special Practices (*continued*)

II. T & E Protection/Enhancement (Plants only)

(*Under construction*)